

## CLAIMS

What is claimed is:

1. A computerized method comprising:  
receiving a content description for multimedia content, the content description comprising an occurrence description scheme describing an occurrence of a semantic entity in the content; and  
extracting the occurrence description scheme from the content description.
2. The computerized method of claim 1, wherein the content description further comprises a full semantic description scheme for the semantic entry.
3. The computerized method of claim 1 further comprising:  
providing the occurrence description scheme to an application that evaluates the multimedia content.
4. The computerized method of claim 3, wherein the application is selected from the group consisting of searching, filtering, and browsing applications.
5. The computerized method of claim 1, wherein the content description complies with the MPEG-7 standard and the occurrence description scheme is represented by a MediaOccurrence description scheme.

6. The computerized method of claim 1 further comprising:  
creating the content description from the occurrence description scheme.
7. The computerized method of claim 6 further comprising:  
distributing the content description through a communications media.
8. A computerized method comprising:  
creating a content description for multimedia content, the content description comprising an occurrence description scheme describing an occurrence of a semantic entity in the multimedia content.
9. The computerized method of claim 8, wherein the content description complies with the MPEG-7 standard and the occurrence description scheme is represented by a MediaOccurrence description scheme.
10. The computerized method of claim 8 further comprising:  
distributing the content description through a communication media.
11. A computer-readable medium having executable instructions to cause a processor to perform a method comprising:  
receiving a content description for multimedia content, the content description comprising an occurrence description scheme describing an occurrence of a semantic entity in the content; and  
extracting the occurrence description scheme from the content description.

12. The computer-readable medium of claim 11, wherein the content description further comprises a full semantic description scheme for the semantic entry.

13. The computer-readable medium of claim 11, wherein the method further comprises:

providing the occurrence description scheme to an application that evaluates the multimedia content.

14. The computer-readable medium of claim 13, wherein the application is selected from the group consisting of searching, filtering, and browsing applications.

15. The computer-readable medium of claim 11, wherein the content description complies with the MPEG-7 standard and the occurrence description scheme is represented by a MediaOccurrence description scheme.

16. The computer-readable medium of claim 11, wherein the method further comprises:

creating the content description from the occurrence description scheme.

17. The computer-readable medium of claim 16, wherein the method further comprises:

distributing the content description through a communications media.

18. A computer-readable medium having executable instructions to cause a computer to perform a method comprising:

creating a content description for multimedia content, the content description comprising an occurrence description scheme describing an occurrence of a semantic entity in the multimedia content.

19. The computer-readable medium of claim 18, wherein the content description complies with the MPEG-7 standard and the occurrence description scheme is represented by a MediaOccurrence description scheme.

20. The computer-readable medium of claim 18, wherein the method further comprises:

distributing the content description through a communication media.

21. A system comprising:

a processor coupled to a bus;

a memory coupled to the processor through the bus;

a communications interface coupled to the processor through the bus, and further coupled to a communications medium; and

a limited decode process executed by the processor from the memory to cause the processor to receive, through the communications interface, a content description for multimedia content, the content description comprising an occurrence description scheme describing an occurrence of a semantic entity in the content, and to extract the occurrence description scheme from the content description.

22. The system of claim 21, wherein the limited decode process further causes the processor to provide the occurrence description scheme to an application that evaluates the multimedia content.

23. The system of claim 22, wherein the application is selected from the group consisting of searching, filtering, and browsing applications.

24. The system of claim 21, wherein the content description complies with the MPEG-7 standard and the occurrence description scheme is represented by a MediaOccurrence description scheme.

25. The system of claim 21 further comprising:  
a decode process executed by the processor from the memory to cause the processor to receive, through the communications interface, the content description for multimedia content, the content description further comprising a full semantic description scheme for the semantic entry, and to extract the full semantic description scheme from the content description.

26. A system comprising:  
a processor coupled to a bus;  
a memory coupled to the processor through the bus; and  
an encode process executed by the processor from the memory to cause the processor to create a content description for multimedia content, the content description comprising an occurrence description scheme describing an occurrence of a semantic entity in the multimedia content.

27. The system of claim 26, wherein the content description complies with the MPEG-7 standard and the occurrence description scheme is represented by a MediaOccurrence description scheme.

28. The system of claim 26, wherein the system further comprises a communications interface coupled to the processor through the bus and further coupled to a communications medium, and the encode process further causes the processor to distribute the content description through the communications interface.